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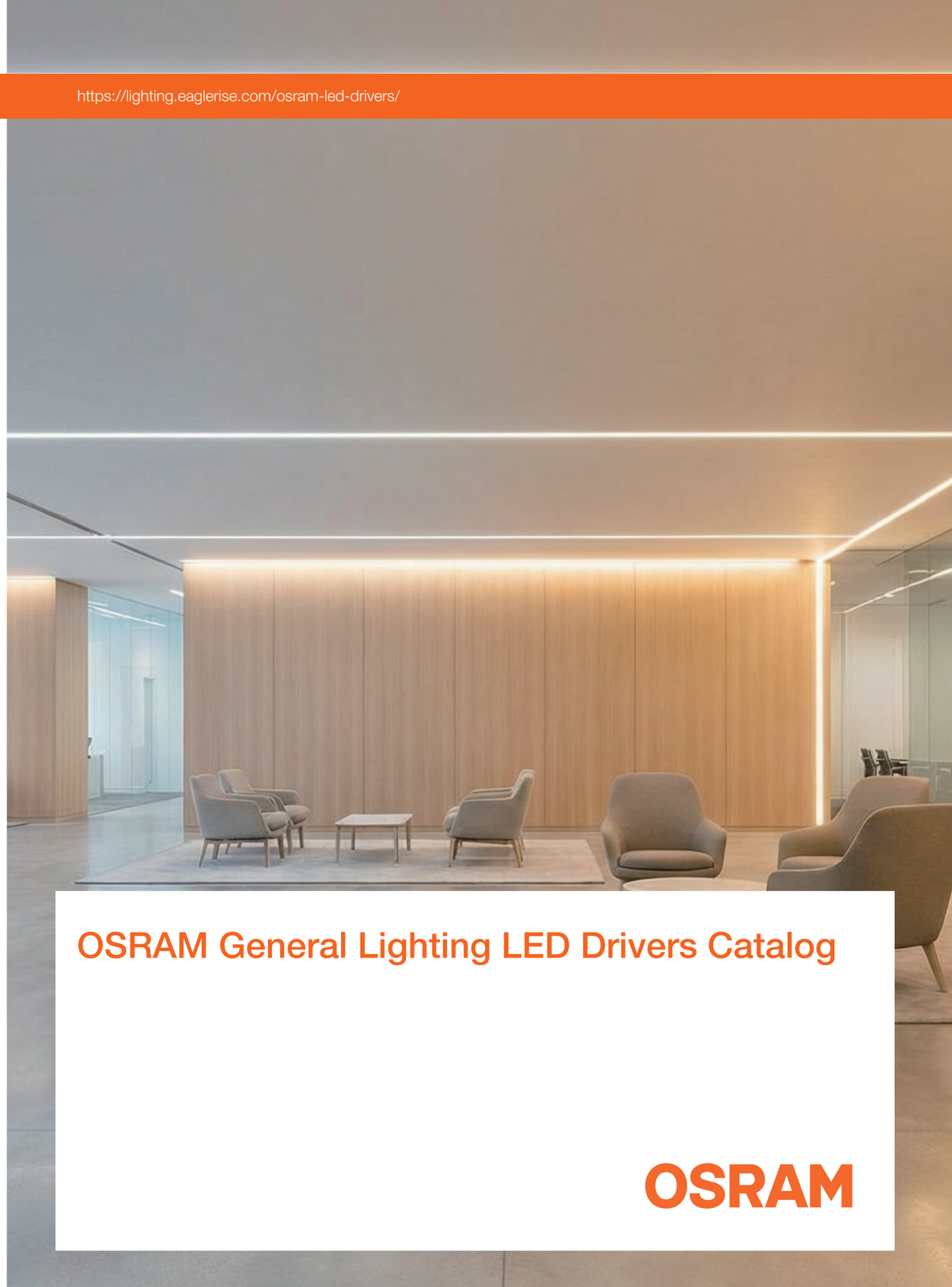
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OSRAM General Lighting LED Drivers Catalog

OSRAM

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Naming Rules

OTS DT8 42/220-240/1050 N NFC L 16H CCT LPF HE G2

Product Series

OTS: Optimum Technical Solution
ITS: Integrated Technical Solution
EMS: Economic Technical Solution

Dimming Mode

FIX: Non-dimmable
DALI-2: DALI-2 DT6
DT8: DALI-2 DT8
D4i: D4i
CSB: CASAMBI
TR: TRIAC
0-10: 0-10V
WIFI: WIFI
Zg: Zigbee

Output Power

9: 9W
42: 42W
150: 150W

Input Voltage

220-240: 220-240VAC
100-277: 100-277VAC

Output Current/ Voltage

1050: 1050mA(CC)
24: 24V(CV)

Isolated Mode

Blank: Isolated
N: Non-isolated

Features

IND: For Industry application
NFC: Near-Field Communication, driver can be programed by NFC programmer
CS: Current select, output current can be set by dip switch setting
TW: Tunable White, 2 Channel output forcold/warm color mixture application
SPS: Switching Power Supply

Shape

Blank: Rectangular plastic housing
L: Linear type driver 21mm height
L 16H: Linear type driver 16mm height
L 11H: Linear type driver 11mm height
T-W: Track driver, White
T-B: Track driver, Black
T-G: Track driver, Grey
R: Round
M: metal

CCT Adjustable

Blank: Normal
CCT: CCT Adjustable

Power Factor

Blank: PF>0.9
LPF: Low PF

Efficiency

Blank: Normal
HE: High efficiency

Generation

Blank: Generation 1
G2: Generation 2

Product Overview

Linear Series

ITS DALI-2 N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 40/220-240/450 N CS L	61211019	40W	220-240VAC	80-450mA	50-230V	93%	0.95	280*30*21mm
	ITS DALI-2 80/220-240/550 N CS L	61211029	80W	220-240VAC	80-550mA	50-230V	94%	0.95	280*30*21mm
	ITS DALI-2 100/220-240/900 N CS L	61211039	100W	220-240VAC	150-900mA	50-230V	94.5%	0.95	280*30*21mm
P9	ITS DALI-2 150/220-240/1050 N CS L	61211049	150W	220-240VAC	300-1050mA	50-230V	95%	0.95	360*30*21mm

ITS FIX N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/350 N CS L	61204019	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
	ITS FIX 40/220-240/350 N CS L	61204029	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
	ITS FIX 65/220-240/350 N CS L	61204039	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
P10	ITS FIX 80/220-240/550 N CS L	61204049	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

ITS FIX N CS L CCT Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/350 N CS L CCT	61204079	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
	ITS FIX 40/220-240/350 N CS L CCT	61204089	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
	ITS FIX 65/220-240/350 N CS L CCT	61204099	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
P11	ITS FIX 80/220-240/550 N CS L CCT	61204109	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

EMS N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	EMS 20/220-240/350 N CS L	61210019	20W	220-240VAC	200-350mA	25-100V	86%	0.95	168*30*21mm
	EMS 40/220-240/350 N CS L	61210029	40W	220-240VAC	200-350mA	40-200V	90%	0.95	168*30*21mm
	EMS 60/220-240/350 N CS L	61210039	60W	220-240VAC	200-350mA	70-200V	92%	0.95	190*30*21mm
P12	EMS 80/220-240/350 N CS L	61210049	80W	220-240VAC	350-550mA	40-220V	93%	0.95	210*30*21mm

Linear Series

ITS DALI-2 CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 40/220-240/1050 CS L	61114019	40W	220-240VAC	150-1050mA	10-54V	90%	0.95	280*30*21mm
	ITS DALI-2 60/220-240/1500 CS L	61114029	60W	220-240VAC	500-1500mA	10-54V	90%	0.95	280*30*21mm
P13	ITS DALI-2 80/220-240/2000 CS L	61114039	80W	220-240VAC	700-2000mA	10-54V	90%	0.95	360*30*21mm

ITS FIX CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 30/220-240/700 CS L	61215019	30W	220-240VAC	350-700mA	24-51V	89%	0.95	190*30*21mm
	ITS FIX 42/220-240/1050 CS L	61215029	42W	220-240VAC	700-1050mA	24-51V	89%	0.95	190*30*21mm
	ITS FIX 60/220-240/1500 CS L	61215039	60W	220-240VAC	900-1500mA	24-51V	90%	0.95	210*30*21mm
P14	ITS FIX 80/220-240/2000 CS L	61215049	80W	220-240VAC	1300-2000mA	24-51V	91%	0.95	280*30*21mm

Compact Series

ITS DALI-2 CS Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 15/220-240/350 CS	61102019	15W	220-240VAC	100-350mA	9-42V	85%	0.95	130*29*21mm
	ITS DALI-2 20/220-240/500 CS	61102029	20W	220-240VAC	150-500mA	10-45V	87%	0.95	97*43*25mm
	ITS DALI-2 30/220-240/700 CS	61102039	30W	220-240VAC	350-700mA	10-45V	90%	0.95	97*43*25mm
	ITS DALI-2 42/220-240/1050 CS	61102049	42W	220-240VAC	700-1050mA	10-45V	90%	0.95	97*43*25mm
P15	ITS DALI-2 60/220-240/1500 CS	61102059	60W	220-240VAC	800-1500mA	15-48V	90%	0.95	113*43*25mm

ITS FIX CS Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/500 CS	61101019	20W	220-240VAC	150-500mA	23-42V	88%	0.95	97*43*25mm
	ITS FIX 30/220-240/700 CS	61101029	30W	220-240VAC	350-700mA	23-42V	88%	0.95	97*43*25mm
	ITS FIX 42/220-240/1050 CS	61101039	42W	220-240VAC	700-1050mA	23-42V	90%	0.95	97*43*25mm
P16	ITS FIX 60/220-240/1500 CS	61101049	60W	220-240VAC	800-1500mA	24-42V	90%	0.95	113*43*25mm

Compact Series

EMS HPF Series



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 5/220-240/120	61108019	5W	220-240VAC	120mA	27-42V	74%	0.95	92*28*21mm
EMS 6/220-240/150	61108029	6W	220-240VAC	150mA	27-42V	77%	0.95	92*28*21mm
EMS 8/220-240/200	61108039	8W	220-240VAC	200mA	27-42V	79%	0.95	92*28*21mm
EMS 10/220-240/250	61108049	10W	220-240VAC	250mA	27-42V	80%	0.95	92*28*21mm
EMS 12/220-240/300	61108059	12W	220-240VAC	300mA	27-42V	82%	0.95	92*28*21mm
EMS 15/220-240/350	61108069	15W	220-240VAC	350mA	27-42V	83%	0.95	92*28*21mm
EMS 16/220-240/400	61108079	16W	220-240VAC	400mA	27-42V	86%	0.95	103*43*29mm
EMS 18/220-240/450	61108089	18W	220-240VAC	450mA	27-42V	86%	0.95	103*43*29mm
EMS 20/220-240/500	61108099	20W	220-240VAC	500mA	27-42V	87%	0.95	103*43*29mm
EMS 25/220-240/600	61106029	25W	220-240VAC	600mA	27-42V	87%	0.95	103*43*29mm
EMS 30/220-240/700	61106039	30W	220-240VAC	700mA	27-42V	87%	0.95	103*43*29mm
EMS 32/220-240/750	61106049	32W	220-240VAC	750mA	27-42V	87%	0.95	103*43*29mm
EMS 33/220-240/800	61106059	33W	220-240VAC	800mA	27-42V	89%	0.95	103*43*29mm
EMS 35/220-240/850	61106069	35W	220-240VAC	850mA	27-42V	89%	0.95	103*43*29mm
EMS 36/220-240/900	61106079	36W	220-240VAC	900mA	27-42V	89%	0.95	103*43*29mm
EMS 38/220-240/950	61106089	38W	220-240VAC	950mA	27-42V	89%	0.95	103*43*29mm
EMS 40/220-240/1000	61106099	40W	220-240VAC	1000mA	27-42V	89%	0.95	103*43*29mm
EMS 42/220-240/1050	61106109	42W	220-240VAC	1050mA	27-40V	90%	0.95	103*43*29mm

P18

EMS Panel Series



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 20/20-240/500 CLS II	61109129	20W	220-240VAC	500mA	24-42V	87%	0.95	116*38*26mm
EMS 25/20-240/600 CLS II	61109019	25W	220-240VAC	600mA	24-42V	87%	0.95	116*38*26mm
EMS 28/20-240/650 CLS II	61109029	28W	220-240VAC	650mA	24-42V	87%	0.95	116*38*26mm
EMS 30/20-240/700 CLS II	61109039	30W	220-240VAC	700mA	24-42V	87%	0.95	116*38*26mm
EMS 32/20-240/750 CLS II	61109049	32W	220-240VAC	750mA	24-42V	87%	0.95	116*38*26mm
EMS 33/20-240/800 CLS II	61109059	33W	220-240VAC	800mA	24-42V	87%	0.95	116*38*26mm
EMS 35/20-240/850 CLS II	61109069	35W	220-240VAC	850mA	24-42V	87%	0.95	116*38*26mm
EMS 36/20-240/900 CLS II	61109079	36W	220-240VAC	900mA	24-42V	89%	0.95	116*38*26mm
EMS 38/20-240/950 CLS II	61109089	38W	220-240VAC	950mA	24-42V	89%	0.95	116*38*26mm
EMS 40/20-240/1000 CLS II	61109099	40W	220-240VAC	1000mA	24-40V	89%	0.95	116*38*26mm
EMS 42/20-240/1050 CLS II	61109109	42W	220-240VAC	1050mA	24-38.5V	89%	0.95	116*38*26mm
EMS 50/20-240/1200 CLS II	61109119	50W	220-240VAC	1200mA	24-42V	89%	0.95	116*38*26mm

P19

Compact Series

EMS LPF Series



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 4/220-240/100 LPF	61107019	4W	220-240VAC	100mA	30-40V	80%	0.60	92*28*21mm
EMS 5/220-240/120 LPF	61107029	5W	220-240VAC	120mA	30-40V	80%	0.60	92*28*21mm
EMS 6/220-240/150 LPF	61107039	6W	220-240VAC	150mA	30-40V	80%	0.60	92*28*21mm
EMS 7/220-240/180 LPF	61107049	7W	220-240VAC	180mA	30-40V	80%	0.60	92*28*21mm
EMS 8/220-240/200 LPF	61107059	8W	220-240VAC	200mA	30-40V	80%	0.60	92*28*21mm
EMS 9/220-240/220 LPF	61107069	9W	220-240VAC	220mA	30-40V	80%	0.60	92*28*21mm
EMS 10/220-240/250 LPF	61107079	10W	220-240VAC	250mA	30-40V	82%	0.60	92*28*21mm
EMS 11/220-240/280 LPF	61107089	11W	220-240VAC	280mA	30-40V	82%	0.60	92*28*21mm
EMS 12/220-240/300 LPF	61107099	12W	220-240VAC	300mA	30-40V	82%	0.60	92*28*21mm
EMS 15/220-240/350 LPF	61107109	15W	220-240VAC	350mA	30-40V	82%	0.60	92*28*21mm
EMS 18/220-240/450 LPF	61107119	18W	220-240VAC	450mA	30-40V	85%	0.55	92*36*25mm
EMS 20/220-240/500 LPF	61107129	20W	220-240VAC	500mA	30-40V	85%	0.55	92*36*25mm

P20

Track Series

ITS CS T HE Series



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 12/220-240/300 CS T-W HE	(White) 61303019	12W	220-240VAC	150-300mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 12/220-240/300 CS T-B HE	(Black) 61303018							
ITS FIX 12/220-240/300 CS T-G HE	(Grey) 61303017							
ITS FIX 18/220-240/450 CS T-W HE	(White) 61303029	18W	220-240VAC	300-450mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 18/220-240/450 CS T-B HE	(Black) 61303028							
ITS FIX 18/220-240/450 CS T-G HE	(Grey) 61303027							
ITS FIX 26/220-240/650 CS T-W HE	(White) 61303039	26W	220-240VAC	500-650mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 26/220-240/650 CS T-B HE	(Black) 61303038							
ITS FIX 26/220-240/650 CS T-G HE	(Grey) 61303037							
ITS FIX 34/220-240/850 CS T-W HE	(White) 61303049	34W	220-240VAC	700-850mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 34/220-240/850 CS T-B HE	(Black) 61303048							
ITS FIX 34/220-240/850 CS T-G HE	(Grey) 61303047							
ITS FIX 42/220-240/1050 CS T-W HE	(White) 61303059	42W	220-240VAC	900-1050mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 42/220-240/1050 CS T-B HE	(Black) 61303058							
ITS FIX 42/220-240/1050 CS T-G HE	(Grey) 61303057							

P22

ITS CS T Series



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/500 CS T-W	(White) 61312019	20W	220-240VAC	150-500mA	15-40V	89%	0.95	133*31*42mm
ITS FIX 20/220-240/500 CS T-B	(Black) 61312018							
ITS FIX 20/220-240/500 CS T-G	(Grey) 61312017							
ITS FIX 40/220-240/1050 CS T-W	(White) 61312029	40W	220-240VAC	300-1050mA	9-40V	90%	0.95	133*31*42mm
ITS FIX 40/220-240/1050 CS T-B	(Black) 61312028							
ITS FIX 40/220-240/1050 CS T-G	(Grey) 61312027							

P23

CV Series

OTS DALI NFC CV Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P25	OTS DALI-2 50/220-240/24 NFC	62113019	50W	220-240VAC	0-2.08A	24V	90%	0.95	200*39*30mm
	OTS DALI-2 80/220-240/24 NFC	62113029	80W	220-240VAC	0-3.33A	24V	91%	0.95	259*39*30mm
	OTS DALI-2 160/220-240/24 NFC	62113039	160W	220-240VAC	0-6.66A	24V	91%	0.95	350*45*30mm
	OTS DALI-2 250/220-240/24 NFC	62113049	250W	220-240VAC	0-10.416A	24V	92%	0.95	405*45*30.5mm

ITS FIX CV Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P26	ITS FIX 30/220-240/12	62105019	30W	220-240VAC	0-2.5A	12V	85%	0.95	168*39*28mm
	ITS FIX 30/220-240/24	62105029	30W	220-240VAC	0-1.25A	24V	85%	0.95	168*39*28mm
	ITS FIX 60/220-240/12	62105039	60W	220-240VAC	0-5A	12V	89%	0.95	200*39*30mm
	ITS FIX 60/220-240/24	62105049	60W	220-240VAC	0-2.5A	24V	89%	0.95	200*39*30mm
	ITS FIX 120/220-240/12	62105059	120W	220-240VAC	0-10A	12V	91%	0.95	259*39*30mm
	ITS FIX 120/220-240/24	62105069	120W	220-240VAC	0-5A	24V	93%	0.95	259*39*30mm
	ITS FIX 180/220-240/24	62105079	180W	220-240VAC	0-7.5A	24V	93%	0.95	350*45*30mm
	ITS FIX 250/220-240/24	62105089	250W	220-240VAC	0-10.416A	24V	93%	0.95	350*45*30mm

EMS CQC Switching Power Supply Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P27	EMS 60/220-240/24 SPS LPF	62116019	60W	220-240VAC	0-2.5A	24V	89%	0.50	128*37*27.5mm
	EMS 100/220-240/24 SPS LPF	62116029	100W	220-240VAC	0-4.17A	24V	89%	0.50	162*51*27.5mm
	EMS 150/220-240/24 SPS LPF	62116039	150W	220-240VAC	0-6.25A	24V	90%	0.50	200*51*27.5mm
	EMS 200/220-240/24 SPS LPF	62116049	200W	220-240VAC	0-8.33A	24V	90%	0.50	200*51*27.5mm
	EMS 300/220-240/24 SPS LPF	62116059	300W	220-240VAC	0-12.5A	24V	91%	0.50	250*51*27.5mm
	EMS 400/220-240/24 SPS LPF	62116069	400W	220-240VAC	0-16.66A	24V	93%	0.50	280*51*27.5mm

EMS Switching Power Supply Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P28	EMS 60/220-240/24 SPS	62117019	60W	100-240VAC	0-2.5A	24V	88.5%	0.90	141*55*27mm
	EMS 100/220-240/24 SPS	62117029	100W	100-240VAC	0-4.17A	24V	88.5%	0.90	152*55*27mm
	EMS 150/220-240/24 SPS	62117039	150W	100-240VAC	0-6.25A	24V	92%	0.90	172*55*27mm
	EMS 200/220-240/24 SPS	62117049	200W	100-240VAC	0-8.33A	24V	92%	0.90	195*55*27mm
	EMS 300/220-240/24 SPS	62117059	300W	100-240VAC	0-12.5A	24V	92.5%	0.90	224*62*32mm
	EMS 400/220-240/24 SPS	62117069	400W	100-240VAC	0-16.66A	24V	93.5%	0.90	231*79*32mm

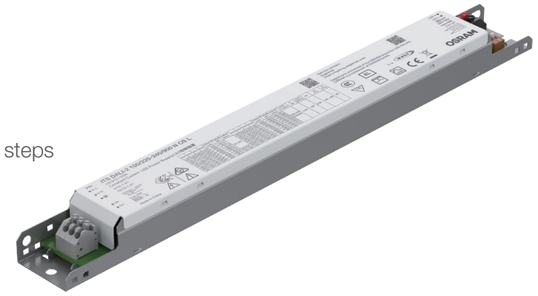


LINEAR SERIES

Suitable for linear light and tri-poof light

ITS DALI-2 N CS L Series

- Suitable for class I and class II luminaires
- Non-Isolated
- For built-in or independent (with side caps) use
- Protections: SCP/ OLP/ OVP/ OTP
- DALI Parts 251, 252 and 253
- High efficiency up to 95%
- Power Factor 0.95
- Adjustable output current with DIP-switch, 10-16 current steps
- EOFI=15%
- Ta range: -20...+60°C



DALI-2 | CLO | EL | 2/2kV Surge | Corridor Mode | PUSH DIM | 5 YEARS WARRANTY | OSRAM Configurator

Optional accessories
Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 40/220-240/450 N CS L	61211019	40W	220-240VAC	80-450mA	50-230V	93%	0.95	280*30*21mm
ITS DALI-2 80/220-240/550 N CS L	61211029	80W	220-240VAC	80-550mA	50-230V	94%	0.95	280*30*21mm
ITS DALI-2 100/220-240/900 N CS L	61211039	100W	220-240VAC	150-900mA	50-230V	94.5%	0.95	280*30*21mm
ITS DALI-2 150/220-240/1050 N CS L	61211049	150W	220-240VAC	300-1050mA	50-230V	95%	0.95	360*30*21mm

ITS FIX N CS L Series

- Suitable for class I luminaires
- Non-Isolated
- For built-in or independent (with side caps) use
- Protections: SCP/ OLP/ OVP/ OTP
- Power Factor 0.95
- Efficiency up to 95%
- Adjustable output current with DIP-switch
- EOFI=100%
- Ta range: -20...+60°C



EL | 2/2kV Surge | 5 YEARS WARRANTY

Optional accessories
Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/350 N CS L	61204019	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
ITS FIX 40/220-240/350 N CS L	61204029	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
ITS FIX 65/220-240/350 N CS L	61204039	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
ITS FIX 80/220-240/550 N CS L	61204049	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

ITS FIX N CS L CCT Series

· Suitable for class I luminaires
· Non-Isolated
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor 0.95
· Efficiency up to 95%
· Adjustable output current with DIP-switch
· EOFI=100%
· Ta range: -20...+60°C



Optional accessories
Item NO.: 63201019

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/350 N CS L CCT	61204079	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
ITS FIX 40/220-240/350 N CS L CCT	61204089	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
ITS FIX 65/220-240/350 N CS L CCT	61204099	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
ITS FIX 80/220-240/550 N CS L CCT	61204109	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

EMS N CS L Series

· Suitable for class I luminaires
· Non-Isolated
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor: 0.95
· Adjustable output current with DIP-switch
· Ta range: -20...+55°C/60°C

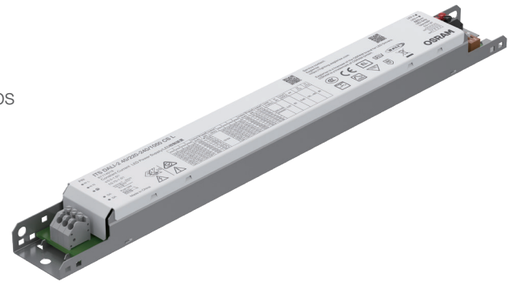


Optional accessories
Item NO.: 63201019

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 20/220-240/350 N CS L	61210019	20W	220-240VAC	200-350mA	25-100V	86%	0.95	168*30*21mm
EMS 40/220-240/350 N CS L	61210029	40W	220-240VAC	200-350mA	40-200V	90%	0.95	168*30*21mm
EMS 60/220-240/350 N CS L	61210039	60W	220-240VAC	200-350mA	70-200V	92%	0.95	190*30*21mm
EMS 80/220-240/350 N CS L	61210049	80W	220-240VAC	350-550mA	40-220V	93%	0.95	210*30*21mm

ITS DALI-2 CS L Series

· Suitable for class I and class II luminaires
· Isolated/ SELV
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· DALI part 251, 252 and 253
· Power Factor: 0.95
· Adjustable output current with DIP-switch, 16 current steps
· EOFI=15%
· Ta range: -20...60°C





Optional accessories

Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 40/220-240/1050 CS L	61114019	40W	220-240VAC	150-1050mA	10-54V	90%	0.95	280*30*21mm
ITS DALI-2 60/220-240/1500 CS L	61114029	60W	220-240VAC	500-1500mA	10-54V	90%	0.95	280*30*21mm
ITS DALI-2 80/220-240/2000 CS L	61114039	80W	220-240VAC	700-2000mA	10-54V	90%	0.95	360*30*21mm

ITS FIX CS L Series

· Suitable for class I luminaires
· Isolated/ SELV
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor: 0.95
· Adjustable output current with DIP-switch
· Ta range: -20...+60/55°C





Optional accessories

Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 30/220-240/700 CS L	61215019	30W	220-240VAC	350-700mA	24-51V	89%	0.95	190*30*21mm
ITS FIX 42/220-240/1050 CS L	61215029	42W	220-240VAC	700-1050mA	24-51V	89%	0.95	190*30*21mm
ITS FIX 60/220-240/1500 CS L	61215039	60W	220-240VAC	900-1500mA	24-51V	90%	0.95	210*30*21mm
ITS FIX 80/220-240/2000 CS L	61215049	80W	220-240VAC	1300-2000mA	24-51V	91%	0.95	280*30*21mm



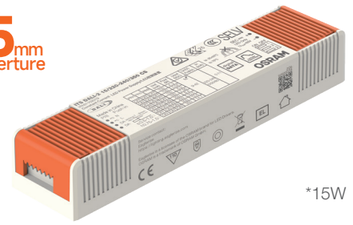
COMPACT SERIES

Suitable for panel light, downlight and spotlight

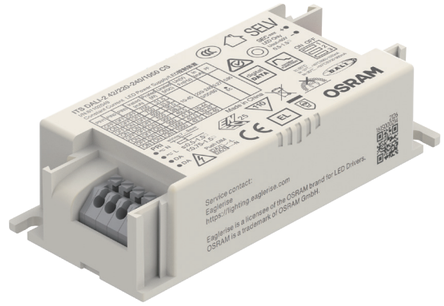
ITS DALI-2 CS Series

- Suitable for class I and class II luminaires
- Isolated / SELV / For built-in or independent (with side caps)
- Protections: SCP/ OLP/ OVP/ OTP
- Efficiency up to 90%
- Adjustable output current with DIP-switch, 8 current steps
- EOFI=15%
- Ta range: -20...+50°C
- DALI maintainace (Parts 251, 252, 253)
- 3m/ 10m EMI
- 15W: fits through 35mm aperture; 20-60W: 25mm height

35mm Aperture



*15W



DALI-2 | CLO | EL | 2/2kV Surge | Corridor Mode | PUSH DIM | OSRAM Configurator | 5 YEARS WARRANTY

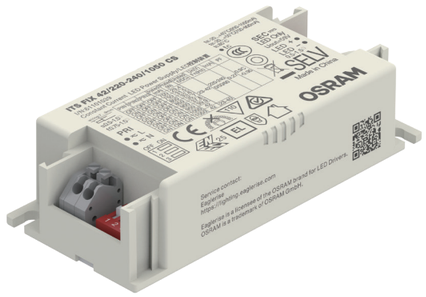
Optional accessories
Item NO.: 63101019



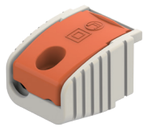
Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 15/220-240/350 CS	61102019	15W	220-240VAC	100-350mA	9-42V	85%	0.95	130*29*21mm
ITS DALI-2 20/220-240/500 CS	61102029	20W	220-240VAC	150-500mA	10-45V	87%	0.95	97*43*25mm
ITS DALI-2 30/220-240/700 CS	61102039	30W	220-240VAC	350-700mA	10-45V	90%	0.95	97*43*25mm
ITS DALI-2 42/220-240/1050 CS	61102049	42W	220-240VAC	700-1050mA	10-45V	90%	0.95	97*43*25mm
ITS DALI-2 60/220-240/1500 CS	61102059	60W	220-240VAC	800-1500mA	15-48V	90%	0.95	113*43*25mm

ITS FIX CS Series

- Suitable for class I and class II luminaires
- Isolated / SELV / For built-in or independent (with side caps)
- Protections: SCP/ OLP/ OVP/ OTP
- Efficiency up to 90%
- Adjustable output current with DIP-switch, 8 current steps
- EOFI=100%
- Ta range: -20...+50°C
- 3m/ 10m EMI
- 25mm height



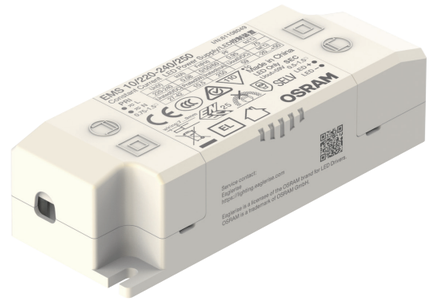
Optional accessories
Item NO.: 63101019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/500 CS	61101019	20W	220-240VAC	150-500mA	23-42V	88%	0.95	97*43*25mm
ITS FIX 30/220-240/700 CS	61101029	30W	220-240VAC	350-700mA	23-42V	88%	0.95	97*43*25mm
ITS FIX 42/220-240/1050 CS	61101039	42W	220-240VAC	700-1050mA	23-42V	90%	0.95	97*43*25mm
ITS FIX 60/220-240/1500 CS	61101049	60W	220-240VAC	800-1500mA	24-42V	90%	0.95	113*43*25mm

EMS HPF Series

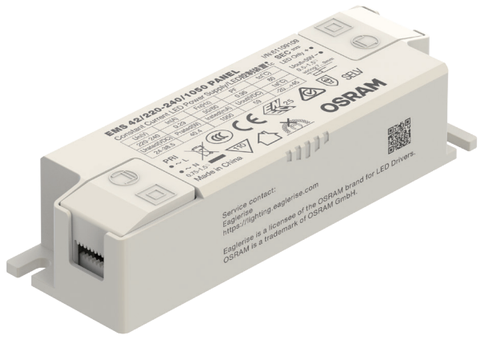
- Suitable for class I and class II luminaires
- Isolated / SELV / For independent use
- Protections: SCP/ OLP/ OVP/ OTP
- EOFI=100%
- THD< 10%
- Ta range: -20...+50°C



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 5/220-240/120	61108019	5W	220-240VAC	120mA	27-42V	74%	0.95	92*28*21mm
EMS 6/220-240/150	61108029	6W	220-240VAC	150mA	27-42V	77%	0.95	92*28*21mm
EMS 8/220-240/200	61108039	8W	220-240VAC	200mA	27-42V	79%	0.95	92*28*21mm
EMS 10/220-240/250	61108049	10W	220-240VAC	250mA	27-42V	80%	0.95	92*28*21mm
EMS 12/220-240/300	61108059	12W	220-240VAC	300mA	27-42V	82%	0.95	92*28*21mm
EMS 15/220-240/350	61108069	15W	220-240VAC	350mA	27-42V	83%	0.95	92*28*21mm
EMS 16/220-240/400	61108079	16W	220-240VAC	400mA	27-42V	86%	0.95	103*43*29mm
EMS 18/220-240/450	61108089	18W	220-240VAC	450mA	27-42V	86%	0.95	103*43*29mm
EMS 20/220-240/500	61106099	20W	220-240VAC	500mA	27-42V	87%	0.95	103*43*29mm
EMS 25/220-240/600	61106029	25W	220-240VAC	600mA	27-42V	87%	0.95	103*43*29mm
EMS 30/220-240/700	61106039	30W	220-240VAC	700mA	27-42V	87%	0.95	103*43*29mm
EMS 32/220-240/750	61106049	32W	220-240VAC	750mA	27-42V	87%	0.95	103*43*29mm
EMS 33/220-240/800	61106059	33W	220-240VAC	800mA	27-42V	89%	0.95	103*43*29mm
EMS 35/220-240/850	61106069	35W	220-240VAC	850mA	27-42V	89%	0.95	103*43*29mm
EMS 36/220-240/900	61106079	36W	220-240VAC	900mA	27-42V	89%	0.95	103*43*29mm
EMS 38/220-240/950	61106089	38W	220-240VAC	950mA	27-42V	89%	0.95	103*43*29mm
EMS 40/220-240/1000	61106099	40W	220-240VAC	1000mA	27-42V	89%	0.95	103*43*29mm
EMS 42/220-240/1050	61106109	42W	220-240VAC	1050mA	27-40V	90%	0.95	103*43*29mm

EMS Panel Light Series

· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Efficiency up to 89%
· Ta range: -20...+45°C



2/2kV Surge

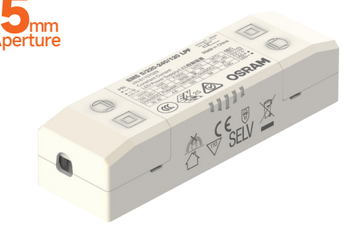
5 YEARS WARRANTY

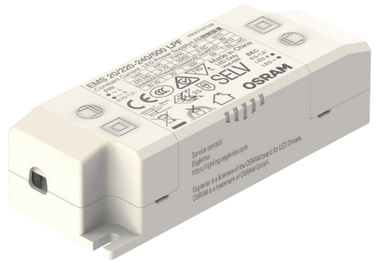
Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 20/220-240/500 CLS II	61109129	20W	220-240VAC	500mA	24-42V	87%	0.95	116*38*26mm
EMS 25/220-240/600 CLS II	61109019	25W	220-240VAC	600mA	24-42V	87%	0.95	116*38*26mm
EMS 28/220-240/650 CLS II	61109029	28W	220-240VAC	650mA	24-42V	87%	0.95	116*38*26mm
EMS 30/220-240/700 CLS II	61109039	30W	220-240VAC	700mA	24-42V	87%	0.95	116*38*26mm
EMS 32/220-240/750 CLS II	61109049	32W	220-240VAC	750mA	24-42V	87%	0.95	116*38*26mm
EMS 33/220-240/800 CLS II	61109059	33W	220-240VAC	800mA	24-42V	87%	0.95	116*38*26mm
EMS 35/220-240/850 CLS II	61109069	35W	220-240VAC	850mA	24-42V	87%	0.95	116*38*26mm
EMS 36/220-240/900 CLS II	61109079	36W	220-240VAC	900mA	24-42V	89%	0.95	116*38*26mm
EMS 38/220-240/950 CLS II	61109089	38W	220-240VAC	950mA	24-42V	89%	0.95	116*38*26mm
EMS 40/220-240/1000 CLS II	61109099	40W	220-240VAC	1000mA	24-40V	89%	0.95	116*38*26mm
EMS 42/220-240/1050 CLS II	61109109	42W	220-240VAC	1050mA	24-38.5V	89%	0.95	116*38*26mm
EMS 50/220-240/1200 CLS II	61109119	50W	220-240VAC	1200mA	24-42V	89%	0.95	116*38*26mm

EMS LPF Series

· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Ta range: -20...+45°C
· 4-15W: fits through 35mm aperture
18-20W: fits through 45mm aperture

35mm Aperture





5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 4/220-240/100 LPF	61107019	4W	220-240VAC	100mA	30-40V	80%	0.60	92*28*21mm
EMS 5/220-240/120 LPF	61107029	5W	220-240VAC	120mA	30-40V	80%	0.60	92*28*21mm
EMS 6/220-240/150 LPF	61107039	6W	220-240VAC	150mA	30-40V	80%	0.60	92*28*21mm
EMS 7/220-240/180 LPF	61107049	7W	220-240VAC	180mA	30-40V	80%	0.60	92*28*21mm
EMS 8/220-240/200 LPF	61107059	8W	220-240VAC	200mA	30-40V	80%	0.60	92*28*21mm
EMS 9/220-240/220 LPF	61107069	9W	220-240VAC	220mA	30-40V	80%	0.60	92*28*21mm
EMS 10/220-240/250 LPF	61107079	10W	220-240VAC	250mA	30-40V	82%	0.60	92*28*21mm
EMS 11/220-240/280 LPF	61107089	11W	220-240VAC	280mA	30-40V	82%	0.60	92*28*21mm
EMS 12/220-240/300 LPF	61107099	12W	220-240VAC	300mA	30-40V	82%	0.60	92*28*21mm
EMS 15/220-240/350 LPF	61107109	15W	220-240VAC	350mA	30-40V	82%	0.60	92*28*21mm
EMS 18/220-240/450 LPF	61107119	18W	220-240VAC	450mA	30-40V	85%	0.55	92*36*25mm
EMS 20/220-240/500 LPF	61107129	20W	220-240VAC	500mA	30-40V	85%	0.55	92*36*25mm



TRACK SERIES

Suitable for track light

ITS CS T HE Series

CE CB EL SELV

- Suitable for class II luminaires
- Isolated / SELV / For independent use
- Protections: SCP/ OLP/ OVP/ OTP
- Available in black, white and grey
- Power Factor 0.95
- Efficiency up to 93%
- Adjustable output current with DIP-switch, 4 current steps
- EOFI=100%
- Mini size: 133mm length
- Ta: -20...+35°C

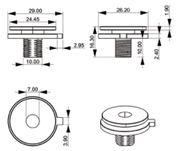


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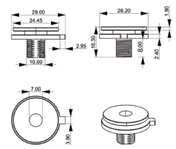
2/2kV Surge

5 YEARS WARRANTY

Item NO.: 63301019



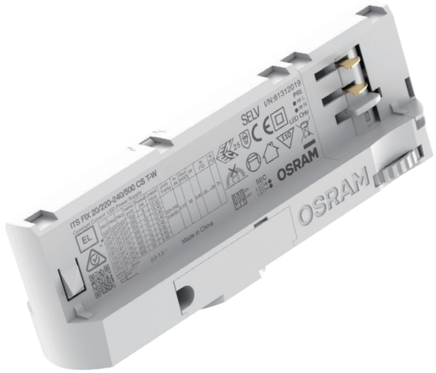
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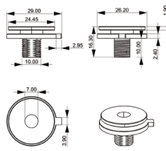
Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 12/220-240/300 CS T-W HE	(White) 61303019	12W	220-240VAC	150-300mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 12/220-240/300 CS T-B HE	(Black) 61303018							
ITS FIX 12/220-240/300 CS T-G HE	(Grey) 61303017							
ITS FIX 18/220-240/450 CS T-W HE	(White) 61303029	18W	220-240VAC	300-450mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 18/220-240/450 CS T-B HE	(Black) 61303028							
ITS FIX 18/220-240/450 CS T-G HE	(Grey) 61303027							
ITS FIX 26/220-240/650 CS T-W HE	(White) 61303039	26W	220-240VAC	500-650mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 26/220-240/650 CS T-B HE	(Black) 61303038							
ITS FIX 26/220-240/650 CS T-G HE	(Grey) 61303037							
ITS FIX 34/220-240/850 CS T-W HE	(White) 61303049	34W	220-240VAC	700-850mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 34/220-240/850 CS T-B HE	(Black) 61303048							
ITS FIX 34/220-240/850 CS T-G HE	(Grey) 61303047							
ITS FIX 42/220-240/1050 CS T-W HE	(White) 61303059	42W	220-240VAC	900-1050mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 42/220-240/1050 CS T-B HE	(Black) 61303058							
ITS FIX 42/220-240/1050 CS T-G HE	(Grey) 61303057							

ITS CS T Series

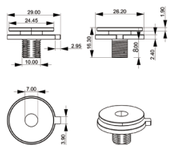
· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Available in black, white and grey
· Power Factor 0.95
· Efficiency up to 90%
· Adjustable output current with DIP-switch, 8-16 current steps
· EOFI=100%
· Mini size: 133mm length
· Ta range: -20...+35°C



Item NO.: 63301019



Item NO.: 63301029



EL
2/2kV Surge
5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/500 CS T-W	(White) 61312019							
ITS FIX 20/220-240/500 CS T-B	(Black) 61312018	20W	220-240VAC	150-500mA	15-40V	89%	0.95	133*31*42mm
ITS FIX 20/220-240/500 CS T-G	(Grey) 61312017							
ITS FIX 40/220-240/1050 CS T-W	(White) 61312029							
ITS FIX 40/220-240/1050 CS T-B	(Black) 61312028	40W	220-240VAC	300-1050mA	9-40V	90%	0.95	133*31*42mm
ITS FIX 40/220-240/1050 CS T-G	(Grey) 61312027							

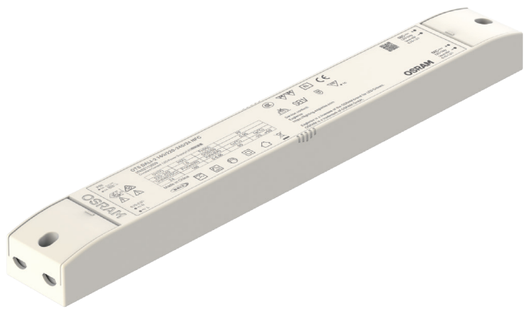


CV SERIES

Suitable for LED strip

OTS DALI NFC CV Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OTP
· Power Factor 0.95
· DALI part 251, 252 and 253
· EOFI=15%
· Compatible with 0.75–2.5 mm2 input wires
· Ta range: -20...+50°C



DALI-2 · CLO · EL · 2/2kV Surge

Corridor Mode · PUSH DIM · OSRAM Configurator · NFC · 5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
OTS DALI-2 50/220-240/24 NFC	62113019	50W	220-240VAC	0-2.08A	24V	90%	0.95	200*39*30mm
OTS DALI-2 80/220-240/24 NFC	62113029	80W	220-240VAC	0-3.33A	24V	91%	0.95	259*39*30mm
OTS DALI-2 160/220-240/24 NFC	62113039	160W	220-240VAC	0-6.66A	24V	91%	0.95	350*45*30mm
OTS DALI-2 250/220-240/24 NFC	62113049	250W	220-240VAC	0-10.416A	24V	92%	0.95	405*45*30.5mm

ITS FIX CV Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OTP
· Power Factor 0.95
· Efficiency up to 93%
· Compatible with 0.75–2.5 mm2 input wires
· EOFI=100%
· 5 years warranty
· Ta range: -20...+50°C



EL · 2/2kV Surge · 5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 30/220-240/12	62105019	30W	220-240VAC	0-2.5A	12V	85%	0.95	168*39*28mm
ITS FIX 30/220-240/24	62105029	30W	220-240VAC	0-1.25A	24V	85%	0.95	168*39*28mm
ITS FIX 60/220-240/12	62105039	60W	220-240VAC	0-5A	12V	89%	0.95	200*39*30mm
ITS FIX 60/220-240/24	62105049	60W	220-240VAC	0-2.5A	24V	89%	0.95	200*39*30mm
ITS FIX 120/220-240/12	62105059	120W	220-240VAC	0-10A	12V	91%	0.95	259*39*30mm
ITS FIX 120/220-240/24	62105069	120W	220-240VAC	0-5A	24V	93%	0.95	259*39*30mm
ITS FIX 180/220-240/24	62105079	180W	220-240VAC	0-7.5A	24V	93%	0.95	350*45*30mm
ITS FIX 250/220-240/24	62105089	250W	220-240VAC	0-10.416A	24V	93%	0.95	350*45*30mm

EMS CQC Switching Power Supply Series

SELV

· Isolated / SELV
· Protections: SCP/ OLP/ OTP
· Efficiency up to 93%



5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 60/220-240/24 SPS LPF	62116019	60W	220-240VAC	0-2.5A	24V	89%	0.50	128*37*27.5mm
EMS 100/220-240/24 SPS LPF	62116029	100W	220-240VAC	0-4.17A	24V	89%	0.50	162*51*27.5mm
EMS 150/220-240/24 SPS LPF	62116039	150W	220-240VAC	0-6.25A	24V	90%	0.50	200*51*27.5mm
EMS 200/220-240/24 SPS LPF	62116049	200W	220-240VAC	0-8.33A	24V	90%	0.50	200*51*27.5mm
EMS 300/220-240/24 SPS LPF	62116059	300W	220-240VAC	0-12.5A	24V	91%	0.50	250*51*27.5mm
EMS 400/220-240/24 SPS LPF	62116069	400W	220-240VAC	0-16.66A	24V	93%	0.50	280*51*27.5mm

EMS Switching Power Supply Series

SELV

· Isolated / SELV
· Protections: SCP/ OLP/ OTP
· Power Factor 0.90
· Efficiency up to 93.5%



2/2kV Surge

5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 60/220-240/24 SPS	62117019	60W	220-240VAC	0-2.5A	24V	88.5%	0.90	141*55*27mm
EMS 100/220-240/24 SPS	62117029	100W	220-240VAC	0-4.17A	24V	88.5%	0.90	152*55*27mm
EMS 150/220-240/24 SPS	62117039	150W	220-240VAC	0-6.25A	24V	92%	0.90	172*55*27mm
EMS 200/220-240/24 SPS	62117049	200W	220-240VAC	0-8.33A	24V	92%	0.90	195*55*27mm
EMS 300/220-240/24 SPS	62117059	300W	220-240VAC	0-12.5A	24V	92.5%	0.90	224*62*32mm
EMS 400/220-240/24 SPS	62117069	400W	220-240VAC	0-16.66A	24V	93.5%	0.90	231*79*32mm



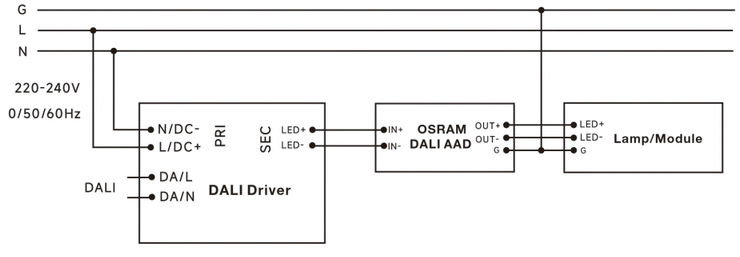
ACCESSORIES

Anti-afterglow Device

· Suitable for: OSRAM DALI LED Drivers
· For solving the afterglow issue that may occur in plastic-cased DALI drivers for Class I applications.



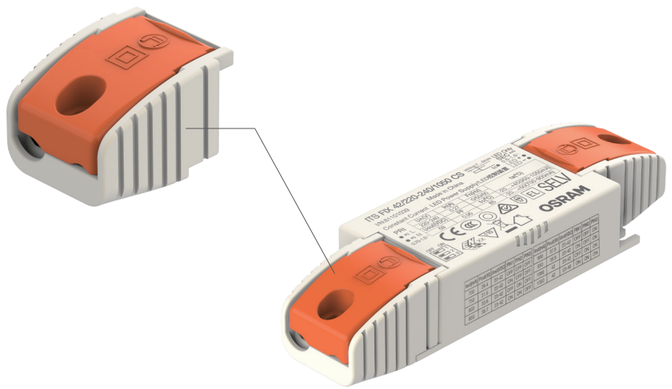
Model	Item NO.	Input Voltage	Input Current	Output Voltage	Output Current	Size (L*W*H)
OSRAM DALI AAD	63101039	≤300VDC (Power≤250W)	6.25A (Power≤250W)	≤300VDC (Power≤250W)	6.25A (Power≤250W)	72*21*21.5mm



Type-B Side Cap

Item NO.:

63101019



Suitable for:

ITS DALI-2 20/220-240/500 CS
ITS DALI-2 30/220-240/700 CS
ITS DALI-2 42/220-240/1050 CS
ITS DALI-2 60/220-240/1500 CS

ITS FIX 20/220-240/500 CS
ITS FIX 30/220-240/700 CS
ITS FIX 42/220-240/1050 CS
ITS FIX 60/220-240/1500 CS

Type-C Side Cap

Item NO.:

63201019

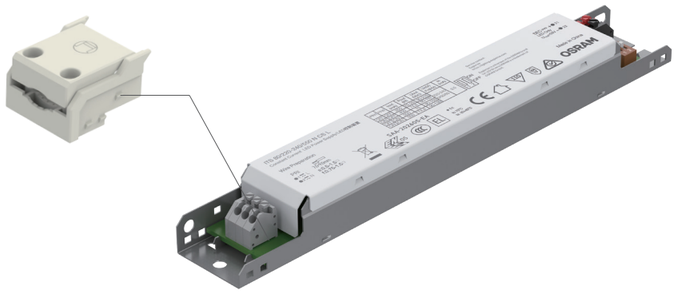
Suitable for:

ITS DALI-2 40/220-240/450 N CS L
ITS DALI-2 80/220-240/550 N CS L
ITS DALI-2 100/220-240/1050 N CS L
ITS DALI-2 150/220-240/1050 N CS L

ITS FIX 20/220-240/350 N CS L
ITS FIX 40/220-240/350 N CS L
ITS FIX 65/220-240/350 N CS L
ITS FIX 80/220-240/550 N CS L

ITS FIX 20/220-240/350 N CS L CCT
ITS FIX 40/220-240/350 N CS L CCT
ITS FIX 65/220-240/350 N CS L CCT
ITS FIX 80/220-240/550 N CS L CCT

EMS 20/220-240/350 N CS L
EMS 40/220-240/350 N CS L
EMS FIX 60/220-240/350 N CS L
EMS FIX 80/220-240/550 N CS L



ITS DALI-2 40/220-240/1050 CS L
ITS DALI-2 60/220-240/15050 CS L
ITS DALI-2 80/220-240/2000 CS L

ITS FIX 30/220-240/700 CS L
ITS FIX 42/220-240/1050 CS L
ITS FIX 60/220-240/1500 CS L
ITS FIX 80/220-240/2000 CS L

Nipple

Suitable for:

ITS FIX 12/220-240/300 CS T-W HE
ITS FIX 12/220-240/300 CS T-B HE
ITS FIX 12/220-240/300 CS T-G HE

ITS FIX 18/220-240/450 CS T-W HE
ITS FIX 18/220-240/450 CS T-B HE
ITS FIX 18/220-240/450 CS T-G HE

ITS FIX 26/220-240/650 CS T-W HE
ITS FIX 26/220-240/650 CS T-B HE
ITS FIX 26/220-240/650 CS T-G HE

ITS FIX 34/220-240/850 CS T-W HE
ITS FIX 34/220-240/850 CS T-B HE
ITS FIX 34/220-240/850 CS T-G HE

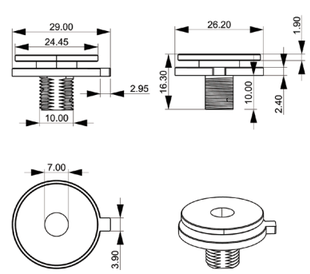
ITS FIX 42/220-240/1050 CS T-W HE
ITS FIX 42/220-240/1050 CS T-B HE
ITS FIX 42/220-240/1050 CS T-G HE

ITS FIX 20/220-240/500 CS T-W
ITS FIX 20/220-240/500 CS T-B
ITS FIX 20/220-240/500 CS T-G

ITS FIX 40/220-240/1050 CS T-W
ITS FIX 40/220-240/1050 CS T-B
ITS FIX 40/220-240/1050 CS T-G

Model	Size	Item NO.
10mm Nipple	M10*10	63301019
8mm Nipple	M10*8	63301029

Item NO. 63301019



Item NO. 63301029

